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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/545,188	04/07/2000	Katsuhisa Watanabe	862.C1887	1522

5514 7590 10/18/2005

FITZPATRICK CELLA HARPER & SCINTO
30 ROCKEFELLER PLAZA
NEW YORK, NY 10112

EXAMINER

NGUYEN, LE V

ART UNIT PAPER NUMBER

2174

DATE MAILED: 10/18/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/545,188	Applicant(s) WATANABE, KATSUHISA	
	Examiner Le Nguyen	Art Unit 2174	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 September 2005.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,3-6,8-11,13-15,17,19 and 21 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,3-6,8-11,13-15,17,19 and 21 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This communication is responsive to an amendment filed 9/22/2005.
2. Claims 1, 3-6, 8-11, 13-15, 17, 19 and 21 are pending in this application; and, claims 1, 6 and 11 are independent claims. Claims 1, 6, 11, 17, 19 and 21 have been amended; and, claims 2, 7, 12, 16, 18 and 20 have been cancelled.
3. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office Action.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1, 4, 6, 9, 11 and 14 are rejected under 35 U.S.C. 102(e) as being anticipated by Hamner et al. ("Hamner").

As per claim 1, Hamner teaches a network terminal apparatus comprising:
management means for managing an identifier of each image processing function (fig. 2A; icon 207 is an identifier of an image processing function, e.g. printing) and
configuration information concerning a plurality of image processing devices (col. 4,

lines 14-22; col. 10, lines 43-50; *double-clicking on a group icon such as printer 207, will cause that group to be expanded into a tree hierarchy consisting of all devices within that group*) for implementing each image processing function as settings information, i.e. management means for implementing each image processing function as settings information (fig. 2A; col. 3, lines 54-63; *printing function implemented as settings information such as a non-functioning printer*); search means for acquiring, via a network, device information concerning each of various image processing devices connected to the network with recording means for recording the configuration information concerning the plurality of image processing devices based on the device information acquired by said search means (col. 3, lines 47-54; col. 3, line 64 through col. 4, line 1; *data regarding device information, such as the quantity and types of devices, current physical and logical layout of the network are gathered; this data is then stored in a database as a network "map" and displayed*); icon display means for displaying icons each corresponding to each image processing function and the configuration information recorded by the recording information (col. 3, lines 47-50; *displaying icons corresponding to the image processing function, such as printing, and the configuration information recorded by the recording means*); recognition means for recognizing whether the settings information has been updated based on the configuration information recorded by the recording means (col. 3, lines 3, lines 47-63; *user performs an operation to determine, or user's command determines whether the settings information of each function has been updated*); and settings information display means for displaying updated settings information in proximity to a selected

icon in a case where the settings information has been updated in regard to an image processing function corresponding to an icon selected by a user from among the displayed icons (col. 3, line 55 through col. 4, line 26; *upon selecting the device icon or group icon, tasks/settings (e.g. non-functioning printer) that can be performed to troubleshoot, monitor or report on a device are displayed in proximity within network task window 202*).

As per claim 4, Hamner teaches a network terminal apparatus wherein the settings information display means displays at least information relating to the type of image processing device or a network name of the image processing device as the settings information (fig. 2A; *icon 207 is indicative of a printer type of image processing device*).

Claims 6 and 11 are individually similar in scope to claim 1 and are therefore rejected under similar rationale.

Claims 9 and 14 are individually similar in scope to claim 4 and are therefore rejected under similar rationale.

6. Claims 3, 8 and 13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hamner et al. ("Hamner") in view of Dow et al. ("Dow").

As per claim 3, although Hamner teaches a network terminal apparatus wherein the plurality of image processing devices include printers (fig. 2A; col. 4, lines 14-22), Hamner does not explicitly disclose a network terminal apparatus wherein the plurality of image processing devices include a network scanner. Dow teaches a network terminal apparatus wherein an image processing device include a network scanner

(col. 2, lines 2-5). Therefore, it would have been obvious to an artisan at the time of the invention to include Dow's teaching of a network terminal apparatus wherein an image processing device include a network scanner to Hamner's teaching of a network terminal apparatus wherein the plurality of image processing devices include printers to allow business professionals to scan paper-based documents, manage them effectively and distribute them in a timely fashion.

Claims 8 and 13 are individually similar in scope to claim 3 and are therefore rejected under similar rationale.

7. Claims 5, 10, 15, 17, 19 and 21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hamner et al. ("Hamner").

As per claims 5 and 17, although Hamner teaches a network terminal apparatus comprising designating means such as a cursor for allowing the user to designate, in order to select, a desired icon from among the icons displayed by the icon display means wherein, when a desired icon is designated for a predetermined period of time by the designating means, the settings information display means displays, in proximity of the desired icon, the settings information within an adjacent window in regard to the image processing function corresponding to the desired icon (col. 3, lines 23-30; col. 3, line 55 through col. 4, line 26), Hamner does not explicitly disclose the information displayed in proximity to the icon to be a tool-tip. Official Notice is taken that the use of tool-tips to display information in proximity to an icon is well known in the art. Therefore, it would have been obvious to an artisan at the time of the invention to include the use of tool-tips to display information in proximity to an icon to Hamner's teaching of the use

of windows to display information in proximity to an icon to provide users with an implementation preference.

Claims 10 and 19, in combination, are similar in scope to the combination of claims 5 and 17 and are therefore rejected under similar rationale.

Claims 15 and 21, in combination, are similar in scope to the combination of claims 5 and 17 and are therefore rejected under similar rationale.

Response to Arguments

8. Applicant's arguments with respect to claims 1, 6 and 11 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

9. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

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the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Inquires

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Lê Nguyen whose telephone number is **(571) 272-4068**. The examiner can normally be reached on Monday - Friday from 7:00 am to 3:30 pm (EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine Kincaid, can be reached on (571) 272-4063.

The fax numbers for the organization where this application or proceeding is assigned are as follows:

(703) 872-9306 [Official Communication]

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

LVN
Patent Examiner
October 9, 2005


KRISTINE KINCAID
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100